

WHAT IS CLAIMED IS:

1. A method for debugging a computer program code by using a debugging software, wherein software means are provided for causing the debugging software to stop at one or more types of breakpoints set in the computer program code, the method comprising:

 debugging a program code, the program code including at least one type of breakpoint; and

 activating or deactivating all breakpoints of the at least one type by a single action.
2. The method of claim 1, further comprising:

 stopping the debugging software at a breakpoint based upon one or more predefinable conditions.
3. The method of claim 2, wherein:

 the one or more predefinable conditions are stored in a data array.
4. The method of claim 2, wherein:

 the one or more predefinable conditions are identical for a predefinable type of breakpoint.

5. The method of claim 2, wherein:

the one or more predefinable conditions are stored in a data array
which is accessible for only one type of breakpoint.
6. The method of claim 2, wherein:

the one or more predefinable conditions are changeable during the
debugging process.
7. The method of claim 2, wherein:

the one or more predefinable conditions are stored in a non-volatile
memory.
8. The method of claim 1, further comprising:

setting a breakpoint with a macro call, each macro call including the
associated breakpoint.
9. The method of claim 3, further comprising:

editing the data array by using a screen mask.
10. The method of claim 3, wherein:

the data array is a table.

11. The method of claim 3, wherein:
- the data array is accessible for read and write operations via a graphical user interface.
12. A computer system for debugging a computer program code by using a debugging software, wherein software means are provided for causing the debugging software to stop at one or more types of breakpoints set in the computer program code, the system comprising:
- a memory including program instructions;
- an input means for entering data;
- a storage means for storing data; and
- a processor responsive to the program instructions for:
- debugging a program code including at least one type of breakpoint, and
- activating or deactivating all breakpoints of the at least one type by a single action.
13. The computer system of claim 12, further comprising:
- means for stopping the debugging software at a breakpoint based upon one or more predefinable conditions.

14. The computer system of claim 13, wherein:
the one or more predefinable conditions are stored in a data array.
15. The computer system of claims 13 or 14, wherein:
the one or more predefinable conditions are identical for a predefinable type of breakpoint.
16. The computer system of claim 13, wherein:
the one or more predefinable conditions are stored in a data array which is accessible for only one type of breakpoint.
17. The computer system of claim 13, wherein:
the one or more predefinable conditions are changeable during the debugging process.
18. The computer system of claim 13 wherein:
the one or more predefinable conditions are stored in a non-volatile memory.
19. The computer system of claim 12, wherein
a breakpoint is set with a macro call, each macro call including the associated breakpoint.

20. The computer system of claim 14, further comprising:
a screen mask for editing the data array.
21. The computer system of claim 14, wherein:
the data array is a table.
22. The computer system of claim 14, further comprising:
a graphical user interface for performing read and write operations on
the data array.
23. A computer readable medium comprising instructions for debugging a
computer program code by use of a debugging software, which provides
software means for causing the debugging software to stop at one or more
types of breakpoints set in the computer program code, the instructions
comprising instructions for performing a method according to any one of
claims 1 to 11 when the instructions are executed on a computer.
24. A computer data signal embodied in a carrier wave comprising computer
executable instructions which cause a computer to provide means for
performing a method according to any one of claims 1 to 11.